A Regiſter of the Weather, Winds, Barometer's Height, and Quantity of Ra
of the Year One Thouſand Six Hun

Day	January. 8. 12 9				February. 7. 12. 9.				March. 6. 12. 9					
	Weather	Winds.	Barom.	Rain.	Weather	Winds.	Barom.	Rain.	Weather	Winds.	Barom.	Rain.	Weather	Wi
1	Froſt Fair Hard Fr.	S E o S by E 1 o	29. 95 90 82		Miſling Warm	S W 2	29. 48		Fair Warm & Pleaſant		29. 60		Rain	S by S S
2	Cloudy Froſt Snow	S by E 1 S by E 2 o	63 48 26		Fair Miſling 4		11		Fair Warm Rain	S S E o S by W 1 N W 2 W 1	39 38 60	o. 32	Cloudy Fair	W S W N
3	Snow 1 Inch. Rain	W by S o	15 28. 91	o. 55	Fair Cloudy Fair	W b. S 3 W S W 4 1	28. 97 29. 06 26	o. 34	Cloudy	N W 1 N 2	74 30. 00		Hoar Fr. Fair Rain	S W W 1
4	....Rain..... Sleet Snow 4 Cloudy	E o E o	80 88 29. 18	o. 99 2. 98	Froſt Fair and Pleaſant	S W o W 1	36 42 63		Cloudy Colder Day	N 1 N by E 2	05 10 19		Fair	E by N E
5	Froſt Fair Cloudy	W o W S W 1	44 53 64	o. 20 o. 33	Same	N 1 N E 1	86 30. 06		Cloudy Cold Winds	N E 1 E by N 2	16 10 05		Same	N N
6	Rain Fair Cloudy	E 1 E b. N 1	49 50 78	o. 20 o. 23	Froſt and Cloudy	E by N 1 E 1	08 08		Froſt Fair	N E o N E 1	29. 92 90 83		Cloudy	
7	Froſt Fair Snow re	N b. W 1 N 1	98 30. 04 14		Froſt Fair and Warm	E by N o W 1	01 03 29. 96		Froſt Cloudy Cold	N E 2 N E b E 3	72 74 74		Fair Cloudy	N N E 2
8	Froſt Showers of Snow	N b. E 1 N N E 2	18 18 16		Froſt Fair Colder	E by N o E o o	88 89 89		Froſt Cloudy Warmer	N E o N E b. E 1	70 71 80		Showers	S by N W
9	Cloudy Cold Day	N E 2 N E b. N 2	07 04 00		Same	E by N o E N E 1	83 84 91		Fr. & Fair & Sharp. Snow ---Rain--	S E b. E o S 1	81 76 68		Ho. Froſt Cloudy Fair	S W S W S o
10	Froſty Cloudy Day	N E 1	29. 90 85		Cloudy Cold Fair	N E 1 N E 2	99 30. 02 07		Cloudy Showers Fair	S o W 2	51 54 71	1. 49 o. 10	Cloudy	S b. V S S V
11	Same, but leſs Cold.	N E o	72 73		Froſt and Fair	N E 1 E by N 2 N E 1	08 01 00. 11		Showers	S 1 S S W 2	63 42		Fair with Showers	S W W by
12	Cloudy Fairer Fair	N E o So ‖ W 1	61 53 37		Fair Cloudy with Froſt	E N E 1 N E 2 2	29. 90 87 85		Fairer ---Rain--- Warm Showers	S W 2 S S W 3 S W 5 S W 3	61 42 35 39	o. 70 o. 26 o. 98	Fair and Cool	W by S o
13	Froſt Fair Snow	S o W o	21 18 12		Froſt Cloudy & very Cold	E N E 3 N E 4 N E 3	84 86 90		Fair	S W o W 2 S W b. W 2 W S W 2	63 69 78		Cloudy Warm ----Rain----	S 1 S S V W b.
14	Snow 3 Cloudy Fair	N N W 1 N N W 1 N 1	23 2 4		Snow	N by W o N W b. N 2 4	83 86 86		Warm Cloudy Day	S W b. W 1 S W b. W 4	74 74 84		Fair Shower	W b.
15	Hard Froſt Fair	N by W 1 N 1 N o	54 65 79		Snow half Inch very Cold	N E 3 N E b. N 4 2	8 81 74		Same	S W 2 S W 3 W by S 4	87 89 95		Cloudy Showers	W b. W N N N
16	Same	N b. W o N o	77 74		Snow 1 Inch very Cold	N E b. E 2 E N E 3	63 56 55		Same	W S W 2	30 02 03		Snow Cloudy	N W N 5 N 2
17	--Snow-- With the former 5 Inches	N W o E 1 ‖ N E 2 N o. E 1	5 60 65		Cloudy Sleet leſs Cold	E by N 3 E by N 1	41 38 43		Same	S 1 S W 2 S by W 3	29. 80 68 43		Fair and Cold	N b. V N 2 N by
18	Little Snow very Cold	N 1 N 2 N b. E 2	68 69 71		Fairer Cloudy Thaw	E o E by N 1	46 50 52	o. 14 o. 16	---Rain--- Fairer Hail and Cooler	W by S 4 W by S 7 1	24 36 50	o. 23 o. 09		N b.
19	--Snow 3 Inch more Cloudy all day	E o E b. S 2 2	62 59 52		--Rain-- Cloudy Rain Cloudy	E 2 E by N 2	51 52 67	o. 15 o. 28	Hoar Fr. Fair Rain	S W o W 2 o	60 74 78		Cloudy Warmer --Rain---	N 1
20	Cloudy very cold Day	E by N 3 E by N 3 2	65 70 84		Fairer Colder Freezing	E by N 2 E by N 3	68 71 73		Cloudy Warmer	S wb. W 2 S W 3	76 78 78	o. 01	Cloudy ----Rain--	W 1 W S
21	Hard Fr. and clou	E by N 2 E by N 2	92 95		Froſt Fair and	E by N 1 E by N 2	81 84		Same	S S W 2 S W 3	65		Fair and Cold	W 2 W b.

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of Rain faing at Upminſter, *in* Eſſex, *the Firſt Six Months*
Hundred ninety Eight.

	April. 6. 12. 9.			May. 6. 12. 9.			June. 6. 12. 9.		
ather	Winds.	Barm.	Rain.	Weather	Winds.	Barom.	Rain.	Weather	Winds	Barom.	Rain.
	S by E o	29. 68			S 1	29. 74	o. 58	Fair.	W 2	29. 60	
1	S S W 1	48		Rain	N W 1	73		and		60	
		26	1. 47			75	o. 73	Hot	S o	60	
idy	W S W 2	27	o. 11		N 2	72	o. 46	Fair	S W o. S 2	57	
	W N W 3	40		Fair	W N W 1	75			W 3	52	
		57				72		Rain	S 1	50	o. 23
Fr.	S W o	62		Fair	N o	75		Cloudy	S 1	51	
	W 1	71						Thunder	N W 2	55	
		83	o. 26	Snow					N by W o	72	o. 46
	E by N o	90	o. 03	---Ice---				Miſling	N b. W 2	81	
	N E 1	95		Fair				Fair and	N 3	90	
		30. 03		Cold	N by E 2			Cool	E S E o	99	o. 02
	N N E 1	29. 97		Cloudy		71	o. 22	Fair	E b. S o	30. 01	
:				Cold	W o	72		Cloudy	W 2	02	
				and	S W 1	71		Fair	S W o	04	
dy				Fair	S by W 2	70		Fair	S W o	06	
				Rain	S W 1	66		and	S S W 1	07	
		88		Warm				Hotter	o	08	
	N N E o	94		Fair	S by E 1	75	o. 76	Fair	W b. S 1	09	
	E 2	91		Cloudy	S by E 1	78	o. 13	and	S b. E o	09	
dy		79			S by E 1	80		Hot.		10	
	S by W 2	65		Fair	S S E o	80		Fair	E by N o	08	
ers	N W 2	71		Fair	N by W 1	89		Hot	E by N 2	08	
		83	o. 22	Warm	N N W 2	94		Cloudy	NE b. N 3	05	
roſt	S W o	82		Day	N o	30. 10				08	
dy	S W 2	82			N by W 1	11		Cloudy	N N E 2	02	
	S o	82		Same	W by S 1	11		Fair	N N E 3	01	
						00		Cloudy	N E 2	29. 95	
	S b. W 2	75		Small	W o. N 1	29. 87		Cloudy	N E 2	86	
dy	S S W 2	67		Showers	N W 2	80		Cooler		81	
		64			N b. W 3	81	o. 08	Rain	E 1	74	2. 25
	S W 1	66		Cloudy	N N W 3	82	o. 03	Cloudy	N by E o	68	o. 17
1				Cooler	N N W 2	85		Cloſe	N b. E 1	66	
ers	W by S 2	56	o. 11		N N E o	82		Day		62	
	W by S 1	60		--Rain--	N E 2	69	o. 51	Much	N N 1	57	
		68		Showers				Rain	N N 1	52	
	S o	70			N N W 2	68	o. 10		N N W 1	47	3. 92
dy	S 1	68		Cloudy	N W b N 2	70		Miſling	N o	42	o. 91
n	S S W 1	66			N 3	70					
	W b. S o	62		Fair	N o	74			W by S 1	52	o. 38
n-	W b. N 1	68	o. 14		N o	75			W b. S 2	62	o. 10
				Fair	E 2	82		Cloudy	S W 3	67	
er		80	o. 06			87			S W 2	70	
dy	W b. S 2	50			N E 1	92			S W 1	72	
	W N W 4	50		Fair	N by E 1	95					
ers	N N W 3	73			E b. S o	94					
/	N W 3	76		Fair	E o	87					
	N 5	85		and							
dy	N 2	89	1. 00	Warm	E o	73					
	N b. W 2	87			E o	66		Fair			
	N 2	88		Rain							
	N by E 1	92			E o	63	o. 54	Cloudy	N W o	30. 05	
	N b. W 1	90		Rain	NE b. E o	59	o. 43		N W o	04	
				Warm	S E 1	56		Fair	N N W 1	05	
				Fair	S S E o	53	o. 05		E 1	08	
dy				Cloudy	E 1	48			E o	08	
er	N 1	88		Hot	E by E 2	46		Fair	E b. S 1	08	
n-		90		Fair	S o	49			E o	05	
	W 1	80	o. 44	Cloudy	S E b. E 1	49		Fair	E by S o	03	
dy	W S W 2	62		Cooler	S 4	50			E by S o	00	
		42		Fair	S b. W 2	62		Hot		29. 92	
n-											
nd	W 2	22	o. 37	Showers	S S W 3	68		Fair	E by S o	87	
	W b. N 2	30			S W b. W 5	73			S W 2	86	

20	very cold	E by N	3		70			Colder	E by N	3		71							
	Day		2		84			Freezing				75			Warmer			78		
	Hard Fr.	E by N	2		92			Froft	E by N	1		81							
21	and clou.	E by N	2		95			Fair and	E by N	2		84			Same	S S W	2	65	
	as before		1		95			Pleafant		0		88				S W	3	58	
	Fairer	E by S	0		82				N E	0		85			Cloudy	S S W	1	59	
22	very	E	1		68			Same	E by N	1		88				W	1	73	
	Cold	E	3		30							90			Fair	N W	0	98	
	---Snow---	E by N	0		00			Froft and	E by N	0		94			Froft	N by W	0	30. 11	
23	5 Inches	N E	1		00			Fair	E	1		97			Fair and	S	1	14	
	Cloudy							Cl. warm			30.	00			Pleafant	S W	0	14	
	Snowy D.				07											S by E	0	09	
	Snow	E by S	1	28.	73			Cloudy	E	0	29.	96			Same	E by S	1	08	
24	Inc. Sleet	S E	2		38			Fr. Cold	E	1		97						00	
	Thaw	S W	1		28	2.	07	Fair				97			Froft	E by N	0	29. 90	
					31										Fair	E	1	88	
	Thaw	S	2		38	0.	30	Mift Fro.	E by N	0		95			Rain			83	
25	Showers	S	1		40			Fair and	E	0		95							
	of Rain				56	0.	32	Warmer				93			Fair, very	E	0	77	0. 38
	---Rain---														Warm	E by S.	1	77	
	Thaw with	S	0		72	0.	28	Froft	E	0		88			Lightnin.			71	
26	Showers								E	1		88							
					94	0.	06	Cloudy				88			Mifty	S W	0	73	
	Fairer	S by W	0	29.	03	0.	08	Froft and	E	0		79			Fair	S	1	75	
27		S by E	1		00			Fair	E	1		78			Cloudy			66	
	Rain			28.	88	0.	39	Warmer	Clou. SW			70			---Rain---				
	Froft &	S W b. S	0		98	0.	14	---Rain---	SW b. S	1		60	0.	24	Cloudy	S	2	42	0. 28
28	Fair	S S W	1		88			Fair and							Cooler	S by W	4	34	
	Rain	S E b S	1		68	0.	28	Thaw										46	0. 05
	Same	S W	2		90										Fair	W S W	1	63	
29	with	S S E	4		67											W b. S	2	70	
	Blufhing		4		53	0.	76								Showers			79	0. 06
	---Snow---														Hoar	S	0	70	
	Froft Fair	W by S	1		92	0.	48								Froft	S W	3	59	
30	Pleafant	W	2	29.	06										Rain			46	0. 34
	Day				51										---Rain---				
	Fair	N W	0		70		30								Rain	E by N	0	36	2. 52
31	Wet Af-	S W	1		71							Total	1.	31	Fairer	N	2	49	1. 52
	ternoon				58	10.	94											72	9. 33

	---Rain---																		
	Fair and	W	2																
	Cold	W b.																	
	Cloudy																		
	---Rain---																		
		N	3																
	Snow	N N	W																
	Fair																		
	Ice, very	E S	E																
	Cold	S E	2																
	Rain																		
	Mifling	E b																	
	Warmer	E	1																
	Fair																		
	Showers	S W																	
		W	2																
	Fair																		
	Fair	W	2																
	Hail	W	3																
	Showers																		
	Snow	W b.																	
	Sleet	W	3																
	Fairer																		
	Showers	N W																	
	of Hail	N by																	
	and Rain																		
	Cold	NW b																	
	Showers	N W																	
		N N																	
	Rain	N N																	

Place this between Pag. 46, 47.

		42		Fair	S b. W 2	62		Hot	E by S o	29. 00	
	W 2	28	0. 37	Showers	S S W 3	68		Fair	E by S o	87	
	W b. N 2	30			S W b. W 5	73			S W 2	86	
		26		Fair		81	0. 32	Cloudy	W o	86	
	N 3	34	0. 19	Showers	S by E 1	72	0. 02	M fling	W by S o	86	
	N N W 3	43		and	E S E 1	70			N by W 1	89	
		44	0. 03	Cooler	S W b. S 3	66	0. 95	Cloudy	E 1	90	
	E S E 1	32		-- Rain--				Fair	E o	83	
	S E 2	29		Cloudy	S by E 1	48	0 79	and			
		28	0 58		S by W 2	47		Hot	S by W 1	73	
	E b S o	31		Fair	S by W o	46		Rain	S by W 2	65	
	E 1	46			S 2	43		and	S 3	61	
		68		Showers				Cooler	S 2	58	0. 08
	S W 1	70			S W o	46	0. 49	Fair	S W b. W 3	62	0. 19
	W 2			Fair				Rain	S by W 3	64	
		83	0. 42					Fairer	S o	68	0. 06
	W 2	83		Rain				Fair	W S W 1	76	
	W 3	80							W by S 1	78	
		63		Cool	N N E 2	53	2. 73	Cloudy	W by S o	80	
	W b. S 2	56	0. 89	Cloudy	E by S 1	67	0. 23		S W 1	78	
	W 3	56		Warmer	S 1	71		Cloudy	W S W 3	75	
		62	0. 48	Fair	E o	78			W by S 2	69	
	N W 1	67	0. 20	Fair	N 1	78				69	
	N by W 2	71			E by N 1	77		Rain			
		83	0. 31	Shower	E 1	76	0. 02				
	NW b. N 1	84		---Rain--							
	N W 2	86			N by E 1	69	1. 60				
		81	0. 43	Misling	E by S o	74		Fair			
					S 1	76	0. 22		N 1	73	
	N N W 1	78	0. 09		S by W 1	76		Cloudy	W by S 2	71	
	N N E 2	78		Fair				Misling	N S W 1	74	
		80	0. 25		N by W 1	70		Cloudy		78	
					N W b. N 1	68	0. 04				
				Fair	W N W 1	65					
		Total	8. 08		W S W o	62	12. 03			Total	8. 77

Philoſoph. Tranſact. Numb. 249. *Tab.* 1.

A Regiſter of the Weather, Winds, Barometer's Height, and Quantity of R
of the Year One Thouſand Six Hu

July. 6. 12. 9

Day	Weather	Winds.	Barom.	Rain.
1	Cloudy	*W N W* 1	29. 78	
		W by *S* 1	78	
		W S W 0	75	
2	Cool	N 1	77	
	Rain	N N E 2	83	
	Warmer	N 0	88	0. 23
3	Fair and Hot	N 0	83	
		S W 2	86	
			82	
4	Cloudy	*S W* b. *S* 3	74	
	Miſling	*S W* 3	67	
	--Rain---	*S W* 3	61	
5		*S* by *W* 2	52	0. 87
	Fairer	*W S W* 4	50	
	Rain	*S W* 3	56	0. 05
6	Cloudy	*W S W* 1	66	0. 05
	Hot	*S W* b. *W* 3	70	
	Fair	*W* by *S* 0	75	
7	Fair	*S W* by *S* 1	77	
	Rain		76	
	Fair	*S W* 0	73	
8	Miſty	*S W* 0	73	
	very	*W S W* 1	75	
	Hot	*S* by *E* 0	78	
9	Cloudy	*E* by *S* 1	79	
	Hot and	*E* 1	78	
	Sultry	*E* 0	76	
10		*E* 0	73	
	Same	*E* by *S* 1	72	
		E 0	67	
11	Thunder and Rain	*E S E* 1	59	2. 83
	Rain	*S S W* 1		
	Fairer	*S* by *W* 0	50	0. 84
12	Cloudy	*N N W* 1	48	
		W 2	47	
	Rain	*N W* 3	47	4. 98
13	Cloudy	*N N W* 1	54	0. 01
		N W b. *W* 2	61	
	Fair	*N* w b. *W* 0	62	
14	Cloudy	*S W* b. *W* 2	63	
	wth. ſome	*S W* b. *W* 1	63	
	Fair	*S* by *W* 2	58	
15	Cloudy	*S* by *W* 3	48	
	Rain	*S* 4	43	
	Cloudy	*S* 2	38	0. 36
16	Fair	*S W* 3	43	
	Cool	*W SW* 4	53	
	Rain		64	0. 47
17	Fair	*S W* 1	74	0. 06
	Fair	*S* 3	77	
	Cloudy	*S* by *W* 2	73	
	---Rain---	*S W* b. *W* 3	51	0. 94
18	Miſling	*S W* 3	56	
	Rain		75	1. 12
	Fairer			
19		*W S W* 1	83	
	Fair	*W* b. *N* 2	87	
			87	
20		*W S W* 0	84	0. 00
	Hot			
21				

Auguſt. 6. 12. 9.

Weather	Winds.	Barom.	Rain.
Fair	*S W* 2	29. 51	
	W by *N* 3	49	
Showers		46	0. 13
	S W b. *W* 1	43	
Shoowry			
	N by *E* 1	55	0. 39
	W by *S* 0	60	
Fair	*N W* 2	62	
		67	
Miſling	*S W* b. *W* 1	64	
Fairer	*W N W* 2	65	
Rain		71	
Fair	*W* by *N* 0	75	0. 14
	W N W 2	81	
Showers		87	0. 40
Cloudy	*W* by *S* 1	88	
Showers	*W* by *S* 3	87	
Fair	*N W* 2	87	0. 05
---Cool--	*N W* b. *W* 1	84	
Fair	*N N W* 2	81	
Rain	*N N W* 0	80	0. 26
Fairer			
Miſty	*W* by *S* 1	72	
Cool	*N N E* 1	72	
Rain	*N N E* 0	72	1. 57
Cloudy	*S W* b. *W* 1	63	0. 01
Dull	*S W* 2	61	
Day		58	
	N W b. *N* 1	58	
Rain	*N* 1	61	
	N E 0	63	1. 40
Cloudy	*N* 1	63	
Cool	*N* by *W* 2	65	
Day	*N* 0	67	
	N by *W* 1	69	
Miſling	*N* 3	70	
		76	0. 02
Fair and	*N* by *W* 1	79	
Cool	*N* 2	84	
	E by *N* 0	90	
--Cold--	*N* by *E* 0	98	
Fair	*E* 2	30. 01	
		00	
Fair	*S E* by *E* 0	29. 95	
and	*N E* 2	96	
Warm		98	
	E 0	30. 00	
Same	*E N E* 2	04	
		09	
Fair	*N* 0	10	
	N E 1	09	
Cloudy		05	
	E 0	29. 95	
Cloudy	*E* 2	94	
	S 1	85	
Fairer	*S SW* 0	82	
Warm	*W S W* 2	82	
Cloudy		80	
Cloudy	*S W* 0	76	
	S W 3	73	
Fair		67	
Fair	*SW* b. *S* 1	59	
	S S W 2	58	

September. 6. 12. 9.

Weather	Winds.	Barom.	Rain.
Cloudy	*N NW* 0	29. 80	
Cold	*W* 1	72	
Day		64	
	S W 1	52	
Showers	*S W* 3	54	
		56	0. 14
	S S W 1	48	
Rain	*S W* 5	45	
		41	1. 55
Fair	*S W* 0	40	
	S b. *W* 2	37	
Rain		16	0. 20
Fair	*W S W* 2	13	1. 10
Rain			
Fair	*S W* 3	48	0. 03
Rain	*SW* b *W* 2	50	
	S W 4	46	
Cloudy		47	0. 09
	S b. *W* 4	41	
Rain			
Fair		76	0. 77
	S 0	81	
Cloudy	*S* b. *W* 2	80	
	S b. *W* 0	80	
Fog	*S W* 0	86	
Fair	*S* by *W* 1	89	
Cloudy	*W* by *S* 0	89	
	S by *E* 1	81	
Rain	*S* by *E* 2	70	
	E by *S* 0	61	
		31	1. 34
Fair	*N* 1	86	0. 01
Warm	*E* 2	92	
Day		87	
Cloudy	*E* by *S* 0	70	
	E by *S* 1	61	
		55	
Fairer	*E* 0	57	
	N E 2	62	
		63	
Fair and	*E N E* 2	60	
Warm			
Cloudy		51	
Rain	*N E* b. *E* 0	41	
Warm	*S* b. *E* 2	44	
Fair		46	0. 61
Rain	*E* by *N* 0	39	
	E by *S* 0	36	
Fairer		34	1. 46
Rain	*E* by *S* 0	31	
	S E 1	34	
Fairer		36	1. 43
Showers	*E N E* 1	25	
	S W 3	25	
---Rain---		31	0. 65
	S W 1		0. 15
Cloudy	*SW* b. *W* 2	38	
		42	
---Rain---			
Foggy	*S W* 0	46	0. 55
Shower	*W S W* 1	49	

C

Weather	W
Miſling	S
Warm	S
Fair	
Cloudy	S
Warm &	S
Fair	
Rainy	S
Warm	S
Day	
Fair	Sw
Fair	
Rain	W
Cloudy	W
Fair	N
Cooler	
	SW
Cloudy	W
	W
Cloudy	W
Fair	W
Cloudy	W
Fair and	N
ſomewht.	N
Cooler	N
Cloudy	N
and	W
Cooler	S
.....Rain.....	
	W
Fair	W
	S
----Rain----	W
Cloudy	
Fair	W
Cloudy	W
Cloudy	W
and ſome	W
Rain	
Fair	W
Warm	N
Cold	
Fair	W
Rain	N
Cloudy	
Hoar Fr.	Nw
Fair and	Nw
Cold	
Icy Froſt	N
Fair and	N
Cold	
Ice and	NN
Fair	
Rain	
Ice	S
Cloudy	S
Fair	
Cold.	E S
	S by
Rain	
Cold	S W
and	W
Cloudy	
Froſt and	N
Fair	N

of Rain falling at Upminſter, *in* Eſſex, *the Laſt Six Months x Hundred Ninety Eight.*

October. 7. 12. 9.				November. 8. 12. 9.				December. 8. 12. 9.			
Weather	Winds.	Barom.	Rain.	Weather	Winds.	Barom.	Rain	Weather	Winds.	Barom.	Rain.
ıſſling	S 3	29. 37		Froſt	S W b.S 2	29. 63		Hard Fr.	N b. W o	29. 85	
arm	S W b.S 4	4[illegible]		Sleet	S W 2	62		Fair	E by S o	80	
ir		66		Cloudy		65 o. 12		Snow 3		78	
oudy	S 2	69	o. 20	Fair	S S W o	67 o. 06			W N W o	93	
arm &	S 3	71		Warmer	S S W 1	68		Foggy	W by No	30. 01	
ir		77		Showers		64 o. 03				11	
loy	S 2	83		Fair	S 1	55		Cloudy	W by S o		
arm	S S E 2	83						wth. gent.	W by S o	15	
ıy		63	2. 87	Cloudy	S by W 3	49		Thaw	W by S o	16	1. 32
ir	S w b. W 1	5[illegible]	1. 17	Showers	S 3	40			W by S o	09	
ir		5[illegible]		Warm and	S 3	30		Foggy	S W o	08	
in	W N W 7	5[illegible]	o. 36	Cloudy	S 4	15 o. 11			S W b.S o	06	
oudy	W N W 2	82		---Rain---				Fog	S W b.S o	02	
ir	N by W 3	88		Fair and	W S W 5	28. 98 o. 19		and	S by W o	03	
oler		95		Pleaſant	S w b. W 6	29. 14		Miſſling	S by E o	00 o. 41	
	S W b. w 1	30			S w b. W o	37		Fog	E S E 1	29. 97	
oudy	W by N 2	03		Froſt	S w b. W o	45		Warm	E 2	94	
	W by N o	07		Fair and	S by W o	45		Clearer	S E b E 1	92	
oudy	W 1	07		Cold	S by W o	43		Miſty	S E o	92	
ir	W by N 1	07		---Rain---				Clearer	S E o	91	
oudy	W o	07		Fair	S w b. W 3	22 o. 26		Miſty	E by S o	88	
ir and	N W o	10		and	W b. S 4	28		Miſt	E by S o	83 o. 04	
newhr.	N by W 1	13		Warmer	S W b.S 1	42		Fair	E by S 1	86	
oler	N W o	11		Rain	S 1	24		Fog	S W b.S o	94 o. 12	
oudy	N W o	07			W b. S 2	12		---Rain---			
id	W S W 1	03		Fairer	W S W 2	27 2. 30		Cloudy	S by W 2	99 o. 03	
oler	S W 3	29. 88		Fair	S W 3	33 o. 23		and	S by W 3	98	
Rain.....				Cloudy	W S W 2	42		Warm	S S W 4	91	
	W by N 3	62		Snow	S S E 1	27		Cloudy.	S 6	66	
ir	W N W 3	1. 55		Cloudy	W S W o	42 o. 36		Rain	W b. S 6	64	
	S W 3	61		Miſty	S W b.S 1	48		Fair	W b. S 2	96 o. 49	
Rain—				Day		47					
idy	W b N 3	35	o. 63	Snow &	N by E 1	48		Fair and	W S W 4	30. 10	
r	W b. N 3	3[illegible]		Sleet	N by E 1	47		Cooler	S W 3	14	
idy	W b. N 3	37		all Day		43 2. 66		Cloudy		00	
oudy	W 2	3[illegible]		---Snow---				---Rain---			
ſome	W 3	3[illegible]		Snow	N b. W 2	46 2. 56			W N W 3	29. 79	o. 72
n		2[illegible]	o. 23	3 Inches	N b. W 1	54		Fair			
r	W b. S o	1[illegible]	o. 02	Cloudy		65 o. 65				30. 11	
urm	N 2	09		Hard Fr.	W by S o	60		Froſt	S E b.S o	10	
id		08		and	W S W 1	58		Fair,	S S E 1	06	
r	W by No	20		Fair		62		Cloudy		29. 96	
in	N by E 2	30		Fair	W S W 1	63					
udy		42	o. 07	Snow &	W by S 2	61		Rain			
ır Fr.	N w b. No	47		Hard Fr.		70					
r and	N w b. N 1	47		Froſt	N N W 1	90					
d		47		Miſty &	N by N o	98					
Froſt	N N W 1	50		leſs Cold		30. 01					
r and	N by W 1	53		Cloudy	S 1	29. 92		Cloudy	S b. W 2	60	o. 01
d		61		Fair	S S E 2	92		Rain	S 3	50	
and	N N W 1	62		Thaw		81		Warm	7	44	o. 00
r				Froſt	S o	67	o. 18	Rain			
n		57	o. 34	and				Warm	S by W 6	09	
	S 1	44		Fair		37		Cloudy	W by S 6	10	
udy	S W 2	33		Rain	S E b. S 2	07		---Rain---		22	o. 42
		15		Fair and	Sw by w 2	16		Cloudy	S W b.S 3	32	o. 40
d.	E S E 2	28. 91		Cold		31	o. 04	and	S W b. S 2	30	
	S by E 2	84		Rain and	S by E 2	28		Warm		34	
1		83	1. 20	Cold Thaw	S w b.S 3	14		Fair	S by W o	72	
d	S W 2	29. 01	o. 41	Fair		20	o. 10	Cooler	S by E 1	67	
d	W by S 2	12		---Rain---				Rain		35	
udy		24			S w 2	20	o. 44		S 3	23	o. 56
ſt and	N o	23		Fair and	S w 4	27		Rain	S by E 5	28. 98	
	N W 2	24		Warm		31				68	o. 24
				-- Rain--	S w 4	14 2. 81		Fair	W 4	29. 36	
				Fair and	S w 3	20		and	W 3		

20	Hot				Fair	SW 3	73 67			SW b.W 2	38 42		Cloudy						
21					Fair Cloudy	SW b.S 1 S S W 2	59 58 55		---Rain--- Foggy Shower Fair	S W 0 N S W 1	46 49 52	0. 55 0. 01	Froſt and Fair Cloudy	N 0 N W					
22					Cloudy Rain	S S E 1 S 3	44 37	0. 10	---Hoar--- Froſt Fair Rain	SW b.W 0 S 2	47 41 37	0. 20	Showers Hail Showers	N N S 2					
23					Rain Thunder	S 0 SE b.E 2	48 51 47 48	0. 48 1. 58	Fair Warm Colder	S W 1 W S W 3	42 42 44		Hard Fr. and Fair Showers	SE b E S					
24					Showers Fair	S by E 1 S 3	42 42 42	0. 01	Fair Cooler Cloudy	S S W 0 S E b.E 1	44 43 31		Fair Warm Rain	E 0					
25	Thunder, & Rain but Fair at Tunbridge-Wel				Cloudy Fair	S W 1 W b. N 1	42 42 42		----Rain----	S S E 2	20	0. 42	---Rain--- Mild Weather	S 3 S by					
26	Miſſing	S W 2	50	4. 10	Fair	E S E 0 N W 2 N 1	42 41 44		Fair		45	0. 01	Cloudy Fair and Warm	S S E S E					
27	Fair and Cooler	Wb y S 1 W 2 W S W 0	67 78 83		Fair and good Har. Weather	S W 0 N W 2	50 58 67		Fair and Pleaſant Rain	S S E 1 S 3	42 42 41	0. 11	---Rain--- Fair Cloudy Rain	S by					
28	Fair Cool and Cloudy	SW b.S 0 S b. W 3 S 2	86 81 80		Fair	S W 1 S W 3	75 79 76		Fair Showers Fair	S 0 S 3	40 36 26	0. 03 0. 01	Miſt Fairer Rain	W 0 N N					
29	Rain Fair	S by W 3 W S W 0	68 76	0. 02	---Rain--- Fair Rain	W 1 W S W 3	73 76 73	0. 11	---Rain--- Rain	E b. S 1 S b. E 3	05 06 06	0. 04 0. 76	Cloudy Colder Rain	N by N by					
30	Fair Miſſing	S W 0 7	75 41		ſome Fair and ſome Rain	S W 0 S S W 3	71 75 80	0. 35	Rain Warm Fair	S b. E 2 S S W 4	04 07 36	0. 40	---Snow--- Sleet Fairer	N by N 3					
31	Fair Cooler Cloudy	W by S 5 W 4	41 52 57	0. 10 17. 03	Cool Fair with Rain	N W 0 N W b.N 2	83 85 84	0. 02 7. 02			Total	12. 07	Hard Froſt Cloudy						

Place this between Pag. 46, 47.

idy	W by S 2	12		Fair and Warm	S w 4	27		Rain	S by E 5	28.	98		
		24				31					68	0.	24
t and	N o	23		-- Rain--	S w 4	14	2. 81	Fair	W 4	29.	36		
	N W 2	24		Fair and	S w 3	20		and	W 3		52		
idy		46		Warm		48		Co'der			52		
wers	N N E o	50						---Rain---					
	S 2	51		Froſt and	W by S 1	77			W b. S 4		49	0.	17
vers		57	1. 41	Fair		83		Fair	W S W 3		55		
i Fr.	SE b.E o	65		Cloudy		75					66		
d	E S E 1	68											
		70		Rain				Cloudy			81		
vers				and					6		65		
m	E o	62	0. 04	Warm				Cloudy	S W 7				
								Warm	W by N 8		34		
in--		58	0. 10	Rain		75	1. 15	Fair	2		56		
	S 3	40	0. 11	-Stormy-	S W b. S 8	15	0. 61				82		
ther	S by E 3	24		ſome	S w b. W 8	30		Fair	W by S 2		94		
		42		Fair	3	52	0. 15		W S W 2		95		
				ſome Rain						30.	00		
idy	S S E 2	48			S W 4	41		Cloudy	W b. S 3	29.	93		
and	S E b.S 3	47		Rain	S w b. w 3	33		and	W b. S 4		90		
m		48				30	0. 07	Warm			77		
in-								Rain	W b. S 4				
	S by W o	52		ſmall Fr.	W S. W 3	25		Colder	S W b. W 4		50		
idy		52		and	W S W 3	27		Fairer			43		
		42	0. 80	Fair		53						0.	21
	W o	41			W by S 1	41		Froſt	S W 3		49		
r	N N E 2	24		Same	W by N 1	44		and					
		46	0 05			37		Fair					
								---Froſt---			40		
dy	N by E 2	41		Snow	E by N 1	13		Warmer	S W 7	28.	88		
ler	N by E 1	41			E by N 2	09		Rain	S W 8		79		
		41		Sleet.		17	0. 74	Colder			69		
ow---								---Snow---					
	N by E 4	22	1. 23	Froſt &	N by W 4	56		Froſt	W b. S 3		79	0.	69
er	N 3	23		Fair	N N W 2	66		and	W b. S 3		89		
		42	0. 29	Rain		86	0. 01	Fair					
l		62											
ſt								Froſt	W o	29.	23		
idy		76	13. 08			Total	16. 83	and	W N W 2		36		
								Fair			67	5	83

V. *An Account of what Rain fell at* Townly *in* Lancaſhire, *in the Years* 1697, *and* 1698. *with ſome other Obſervations on the Weather; being part of a Letter of the* 12*th of* Jan. 1698. *from* Richard Towneley *Eſq; to Mr.* William Derham.

	1697	1698
January	5 13	6 47
February	7 17	5 88
March	4 93	20 16
April	4 12	20 95
May	11 88	8 95
June	8 92	6 45
July	13 50	10 37
Auguſt	40 25	21 50
September	46 90	21 79
October	27 60	22 26
November	10 72	24 72
December	24 50	20 42
Sums	205 ,70	189 ,92
Theſe doubled	41 ,040	37 ,984

In the Table of the Obſervations I have only ſet the Quantity of Rain in Pounds and Centeſimals, which if double, you will have them to anſwer to thoſe Numbers formerly printed in the *Philoſophical Tranſactions* giving the Numbers of half Pounds, and (near enough) the height of the Water alſo. So the laſt Year there fell

189,92 Pounds *Troy*, which doubled make 37,984 Inches, the Inches the Water would have filled any Cylindrical Veſſel.

As far as I have learn'd, the Mercury riſes and falls much after the ſame meaſure in moſt parts of our Iſland, and of this you may better judge by ſome Obſervations I have here tranſcribed and ſent you of the very low Stations, *Dec.* 28. about Three of the Clock Mercury 28,17. on the 29th about 2 h. ½ 28,18. and *Jan.* 2. about the ſame Hour 28,05. and this time it hardly riſe before I went to bed; and on the 6th ſtill about 3 h. 28,19. but this time before 9 at Night it was got to 29,28. what I note is, that though once I ſaw it lower many Years ago, yet never ſince I kept my Obſervations, did the Quick-ſilver deſcend ſo often to thoſe Pitches; or when it was found very low, did it ever continue ſo for any conſiderable time, as it hath done this Year, during which it hath never been very high, and as I remember, generally much lower than other Years. This hath proved very unſeaſonable here, and ſo backward, that I thought I had never known the like; but examining my Obſervations, I find that of 1673. much what as late, though the Conſequence proved not ſo fatal to theſe Parts or all *Europe*, as this.

A Regiſter of the Weather, Winds, Barometer's Height, and Quantity of Rain faing at Upminſter, *in* Eſſex, *the Firſt Six Months of the Year One Thouſand Six Hundred Ninety Eight.*

January. 8. 12 9

Day	Weather	Winds.	Barom.	Rain.
1	Froſt	S E o	29. 95	
	Fair	S by E 1	90	
	Hard Fr.	o	82	
2	Cloudy	S by E 1	63	
	Froſt	S by E 2	48	
	Snow	o	26	
3	Snow	W by S o	15	
	1 Inch.			
	Rain		28. 61	0. 55
4	Rain.	E o	80	0. 99
	Sleet	E o	88	
	Snow &			
	Cloudy		29. 18	2. 98
5	Froſt	W o	44	0. 20
	Fair	W S W 1	53	
	Cloudy		61	0. 33
6	Rain	E 1	45	0. 20
	Fair	E b. N 1	50	
	Cloudy		78	0. 23
7	Froſt	N b. W 1	98	
	Fair	N 1	30. 04	
	Snow re		1	
8	Froſt	N b. E 1	18	
	Showers	N N E 2	18	
	of Snow		16	
9	Cloudy	N E 2	07	
	Cold	N E b. N 2	04	
	Day		00	
10	Froſty	N E 1	29. 90	
	Cloudy		87	
	Day			
11	Same,	N b. o		
	but leſs		72	
	Cold.		78	
12	Cloudy	N E o	61	
	Fairer	So ‖ W 1	53	
	Fair		31	
13	Froſt	S o	21	
	Fair		18	
	Snow	W o	16	
14	Snow 3	N N W 1	25	
	Cloudy	N N W 1	22	
	Fair	N 1	4	
15	Hard	N by W 1	5	
	Froſt	N 1	65	
	Fair	N o	79	
16	Same	N b. W o	27	
		N o	29	
17	--Snow--	N W o	5	
	With the	E 1 ‖ N E 2	01	
	former 5	N o. E 1	65	
	Inches			
18	Little	N 1	08	
	Snow	N 2	65	
	very Cold	N b. E 2	74	
19	--Snow 5	E o	62	
	Inches more	E b. S 2	59	
	Cloudy	2	52	
	all day			
20	Cloudy	E by N 3	05	
	very cold	E by N 3	70	
	Day	2	84	
21	Hard Fr.	E by N 2	92	
	and clou.	E by N 2	95	
	as b fore	1	95	
22	Fairer	E by S o	82	
	very	E 1	63	
	Cold	E 3	30	
23	--Snow--	E by N o	00	
	5 Inches	N E 1	00	
	Cloudy			
	Snowy D.		07	
24	Snow 3	E by S 1	29. 73	
	Inc. Sleet	S E 2	38	
	Thaw	S W 1	28	
			30	2. 07
25	Thaw	S 2	38	0 30
	Showers	S 1	40	
	of Rain		56	0. 32
26	--Rain--	S o	72	0. 28
	Thaw with			
	Showers		94	0. 06
27	Fairer	S by W o	29. 03	0. 08
		S by E 1	00	
	Rain		28. 88	0. 39
28	Froſt &	S W b. So	98	0. 14
	Fair	S S W 1	88	
	Rain	S E b S 1	68	0. 28
29	Same	S W 2	90	
	with	S S E 4	67	
	Bluſtring	4	58	0. 76
	--Snow--			
30	Froſt Fair	W by S 1	92	0. 48
	Pleaſant	W 2	29. 66	
	Day		51	
31	Fair	N W o	70	30
	Wet Af-	S W 1	71	
	ternoon		58	10. 94

February. 7. 12. 9.

Weather	Winds.	Barom.	Rain.
Miſling	S W 2	29. 46	
Warm			
Fair			
Miſling	4	1	
Fair	W b S 3	28. 97	0. 34
Cloudy	W S W 4	29. 00	
Fair	1	20	
Froſt	S W o	30	
Fair and	W 1	42	
Pleaſant		63	
	N 1	86	
Same	N E 1		
		30. 06	
Froſt	E by N 1	08	
and	E 1	68	
Cloudy			
Froſt	E by N o	01	
Fair and	W 1	01	
Warm		29. 96	
Froſt	E by N o	88	
Fair	E o	89	
Colder	o	84	
Same	E by N o	83	
	E N E 1	84	
		91	
Cloudy	N E 1	99	
Cold	N E 2	30. 02	
Fair		07	
Froſt	N E 1	05	
and	E by N 2	00	
Fair	N E 1	00. 11	
Fair	E N E 1	29. 50	
Cloudy	N E 2	87	
with Froſt	2	85	
Froſt	E N E 3	84	
Cloudy &	N E 4	86	
very Cold	N E 3	50	
	N by W o	83	
Snow	N W b. N 2	86	
	4	86	
Snow	N E 3	8	
Half Inch	N E b. N 2	80	
very Cold	2	70	
Snow	N E b. E 2	65	
1 Inch	E N E 3	50	
very Cold		55	
Cloudy	E by N 2	40	
Sleet	E by N 1	38	
leis Cold		43	
Fairer	E o	45	0. 14
Cloudy	E by N 1	50	
Thaw		54	0. 16
--Rain--			
Cloudy	E 2	51	0. 15
Rain	S by N 2	57	
Cloudy		67	0. 28
Fairer	E by N 2	68	
Colder	E by N 3	71	
Freezing		73	
Froſt	E by N 1	81	
Fair and	E by N 2	84	
Pleaſant	o	86	
	N E o	85	
Same	E by N 1	88	
		90	
Froſt and	E by N o	94	
Fair	E 1	97	
Cl. warm		30. 00	
Cloudy	E o	29. 56	
Fr. Cold	E 1	97	
Fair		97	
Mift Fro.	E by N o	95	
Fair and	E o	95	
Warmer		93	
Froſt	E o	88	
	E 1	88	
Cloudy		88	
Froſt and	E o	79	
Fair	E 1	78	
Warmer	Cloſe SW	70	
--Rain--			
	SW b. S 1	60	0. 24
Fair and			
Thaw			
	Total	1. 31	

March. 6. 12. 9

Weather	Winds.	Barom.	Rain.
Fair			
Warm &			
Pleaſant		29. 60	
Fair	S S E o	39	
Warm	S by W 1	38	
Rain	N W 2 W 1	60	0. 32
	N W 1	74	
Cloudy	N 2		
		30. 00	
Cloudy	N 1	05	
Colder	N by E 2	10	
Day		19	
Cloudy	N E 1	16	
Cold	E by N 2	10	
Winds		05	
Froſt	N E o	29. 92	
	N E 1	90	
Fair		83	
Froſt	N E 2	72	
Cloudy	N E b E 3	74	
Cold		74	
Froſt	N E o	71	
Cloudy	N E b. E 1	71	
Warmer		80	
Froſt & Fair	S E b. E o	84	
& Sharp	S 1	76	
Snow		68	
--Rain--			
Cloudy	S o	51	1. 49
Showers	W 2	54	
Fair		71	0. 10
Showers	S 1	63	
	S S W 2	42	
Fairer	S W 2	61	0. 70
--Rain--			
	S S W 3	42	0. 26
Warm	S W 5	35	
Showers	W 3	39	0. 58
	S W b W 2	63	
Fair	S W b. W 1	69	
	W S W 2	78	
Warm	S W b. W 1	71	
Cloudy	W S W 4	74	
Dry		84	
	S W 2	81	
Same	W 3	89	
	W b. S 1	95	
	W S W 2	30 00	
Same		03	
	S 1	29 86	
Same	S W 2	68	
	S b. W 3	43	
--Rain--			
Fairer	W by S 4	24	0. 22
Hail and	W by S 3	36	
Cooler	1	50	0. 09
Hoar Fr.	S W o	60	
Fair	W 2	74	
Rain	o	78	
Cloudy	S w b. W 2	76	0. 01
	S W 3	78	
Warmer		78	
	S S W 2	66	
Same	S W 3		
		58	
Cloudy	S S W 1	59	
	W 1	73	
Fair	N W o	98	
Froſt	N by W o	30. 11	
Fair and	S 1	14	
Pleaſant	S W o	14	
	S by E o	09	
Same	E by S 1	08	
		00	
Froſt	E by N o	29. 93	
Fair	E 1	88	
Rain		83	
			0. 38
Fair, very	E o	77	
Warm	E by S. 1	77	
Lightnin.		71	
Misty	S W o	73	
Fair	S 1	75	
Cloudy		66	
--Rain--			
Cloudy	S 2	42	0. 28
Cooler	S by W 4	34	
		46	0. 05
Fair	W S W 1	63	
	W b. S 2	70	
Showers		79	0. 06
Hoar	S o	70	
Froſt	S W 3	59	
Rain		46	0. 34
--Rain--			
Rain	E by N o	36	2. 52
Fairer	N 2	49	1. 52
		72	9. 33

April. 6. 12. 9.

Weather	Winds.	Barm.	Rain.
	S by E o	29. 63	
Rain	S S W 1	48	
		26	1. 47
Cloudy	W S W 2	27	0. 11
	W N W 3	40	
Fair		57	
Hoar Fr.	S W o	02	
Fair	W 1	71	
Rain		83	0. 26
	E by N o	90	0. 03
Fair	N E 1	95	
		30. 01	
	N N E 1	29. 97	
Same			
Cloudy		88	
Fair	N N E o	94	
	E 2	91	
Cloudy		75	
	S by W 2	05	
Showers	N W 2	71	
		83	0. 22
Ho. Froſt	S W o	82	
Cloudy	S W 2	82	
Fair	S o	82	
	S b. W 2	75	
Cloudy	S S W 2	67	
		64	
Fair	S W 1	66	
with			
Showers	W by S 2	56	0. 11
Fair	W by S 1	62	
and		68	
Cool	S o	70	
Cloudy	S 1	68	
Warm	S S W 1	69	
--Rain--	W b. S o	62	
	W b. N 1	68	0. 14
Fair			
Shower		80	0. 06
Cloudy	W b. S 2	50	
	W N W 4	50	
Showers	N N W 3	73	
Snow	N W 3	76	
	N 5	85	
Cloudy	N 2	89	1. 50
Fair	N b. W 2	87	
and	N 2	88	
Cold	N by E 1	92	
	N b. W 1	90	
Cloudy			
Warmer	N 1	88	
--Rain--		90	
	W 1	80	0. 44
Cloudy	W S W 2	62	
		42	
--Rain--			
Fair and	W 2	22	0. 37
Cold	W b. N 2	30	
Cloudy		26	
--Rain--	N 5	34	0. 15
Snow	N N W 3	43	
Fair		44	0. 03
Ice, very	E S E 1	32	
Cold	S E 2	25	
Rain		28	0 58
Miſling	E b S o	31	
Warmer	E 1	66	
Fair		68	
Showers	S W 1	50	
	W 2		
Fair		83	0. 42
Fair	W 2	83	
Hail	W 3	80	
Showers		63	
Snow	W b. S 2	56	0. 89
Sleet	W 3	56	
Fairer		62	0. 48
Showers	N W 1	67	0. 20
of Hail	N by W 2	71	
and Rain		83	0. 31
Cold	N W o. N 1	84	
Showers	N W 2	86	
		81	0. 43
	N N W 1	78	0. 09
Rain	N N E 2	78	
		80	0. 25
	Total	8. 08	

May. 6. 12. 9.

Weather	Winds.	Barom.	Rain.
	S 1	29. 74	0. 58
Rain	N W 1	73	
		75	0. 73
	N 2	72	0. 46
Fair	W N W 1	75	
		72	
Fair	N o	75	
Snow			
--Ice--			
Fair			
Cold	N by E 2		
Cloudy		71	0. 22
Cold	W o	72	
and	S W 1	71	
Fair	S by W 2	70	
Rain	S W 1	65	
Warm			
Fair	S by E 1	72	0. 76
Cloudy	S by E 1	78	0. 13
	S by E 1	80	
Fair	S S E o	80	
Fair	N by W 1	89	
Warm	N N W 2	94	
Day	N o	30. 10	
	N by W 1	11	
Same	W by S 1	11	
		00	
Small	W b. N 1	29. 87	
Showers	N W 2	80	
	N b. W 3	81	0. 08
Cloudy	N N W 3	82	0 03
Cooler	N N W 2	85	
	N N E o	82	
--Rain--	N E 2	69	0. 51
Showers			
	N N W 2	68	0. 10
Cloudy	N W b. N 2	70	
	N 3	70	
Fair	N o	74	
	N o	75	
Fair	E 2	82	
		87	
	N E 1	92	
Fair	N by E 1	95	
	E b. S o	94	
Fair	E o	87	
and			
Warm	E o	73	
	E o	66	
Rain			
	E o	63	0. 54
Rain	N E. E 2	59	0. 41
Warm	S E 1	56	
Fair	S S E o	52	0. 05
Cloudy	E 1	48	
Hot	E by E 2	46	
Fair	S o	49	
Cloudy	S E b. E 1	49	
Cooler	S 4	50	
Fair	S b. W 2	62	
Showers	S S W 3	68	
	S W b. W 5	73	
Fair		81	0. 32
Showers	S by E 1	72	0. 02
and	E S E 1	70	
Cooler	S W b. S 3	66	0. 95
--Rain--			
Cloudy	S by E 1	48	0 79
	S by W 2	47	
Fair	S by W o	46	
	S 2	43	
Showers			
	S W o	46	0. 49
Fair			
Rain			
Cool	N N E 2	53	2. 73
Cloudy	E by S 1	67	0. 23
Warmer	S 1	71	
Fair	E o	78	
Fair	N 1	78	
	E by N 1	77	
Shower	E 1	76	0. 02
--Rain--			
	N by E 1	69	1. 60
Miſling	E by S o	74	
	S 1	76	0. 22
		76	
Fair	S by W 1		
	N by W 1	70	
	N W b. N 1	68	0. 04
Fair	W N W 1	65	
	W S W o	62	12. 03

June. 6. 12. 9

Weather	Winds	Barom.	Rain.
Fair,	W 2	29. 60	
and		60	
Hot	S o	60	
Fair	S W o. S 2	57	
	W 3	52	
Rain	S 1	50	0. 23
Cloudy	S 1	51	
Thunder	N W 2	55	
	N by W o	72	0. 46
Miſling	N b. W 2	81	
Fair and	N 3	90	
Cool	E S E o	99	0. 02
Fair	E b. S o	30. 01	
Cloudy	W 2	02	
Fair	S W o	04	
Fair	S W o	06	
and	S S W 1	07	
Hotter	o	08	
Fair	W b. S 1	09	
and	S b. E o	09	
Hot.		10	
Fair	E by N o	08	
Hot	E by N 2	08	
Cloudy	N E b. N 3	05	
		01	
Cloudy	N N E 2	02	
Fair	N N E 3	01	
Cloudy	N E 2	29. 95	
Cloudy	N E 2	85	
Cooler		81	
Rain	E 1	74	2. 25
Cloudy	N by E o	68	0. 17
Cloſe	N b. E 1	66	
Day		62	
Much	N N 1	57	
Rain	N N 1	52	
	N N W 1	47	3. 92
Miſling	N o	42	0. 91
	W by S 1	52	0. 38
Cloudy	W b. S 2	62	0. 10
	S W 3	67	
	S W 2	70	
	S W 1	72	
Fair			
Cloudy	N W o	30. 05	
	N W o	04	
Fair	N N W 1	05	
	E 1	08	
	E o	08	
Fair	E b S 1	08	
	E o	05	
Fair	E by S o	03	
	E by S o	00	
Hot		29. 92	
Fair	E by S o	87	
	S W 2	86	
Cloudy	W o	86	
Miſling	W by S o	86	
	N by W 1	85	
Cloudy	E 1	90	
Fair	E o	83	
and			
Hot	S by W 1	73	
Rain	S by W 2	65	
and	S 3	61	
Cooler	S 2	58	0. 08
Fair	S W b. W 3	62	0. 19
Rain	S by W 3	64	
Fairer	S o	68	0. 06
Fair	W S W 1	76	
	W by S 1	78	
Cloudy	W by S o	80	
	S W 1	78	
Cloudy	W S W 3	75	
	W by S 2	69	
		69	
Rain			
Fair			
Cloudy	W by S 2	71	
Miſling	W S W 1	74	
Cloudy		78	
		Total	8. 77

Place this between Pag. 46, 47.

Philoſoph. Tranſact. Numb. 249. *Tab.* 1.

A Regiſter of the Weather, Winds, Barometer's Height, and Quantity of Rain falling at Upminſter, *in* Eſſex, *the Laſt Six Months of the Year One Thouſand Six Hundred Ninety Eight.*

Day	July. 6. 12. 9				Auguſt. 6. 12. 9.				September. 6. 12. 9.				October. 7. 12 9.				November. 8. 12. 9.				December. 8. 12. 9.			
	Weather	Winds.	Barom.	Rain.	Weather	Winds.	Barom.	Rain.	Weather	Winds.	Barom.	Rain.	Weather	Winds.	Barom.	Rain.	Weather	Winds.	Barom.	Rain	Weather	Winds.	Barom.	Rain.
1	Cloudy	W N W 1 W by S 1 W S W 0	29. 78 78 75		Fair Showers	S W 2 W by N 3	29. 51 49 46	0. 13	Cloudy Cold Day	N NW 0 W 1	29. 80 72 64		Miſling Warm Fair	S 3 S W b.S 4	29. 37 4 66		Froſt Sleet Cloudy	S W b.S 2 S W 2	29. 63 62 65	0. 12	Hard Fr. Fair Snow 3	N b. W 0 E by S 0	29. 85 80 78	
2	Cool Rain Warmer	N 1 N N E 2 N 0	77 83 68	0. 23	Shoowry	S W b.W 1 N by E 1	43 55	0. 39	Showers	S W 1 S W 3	52 54 56	0. 14	Cloudy Warm & Fair	S 2 S 3	65 71 77	0. 20	Fair Warmer Showers	S S W 0 S S W 1	67 68 64	0. 06 0. 03	Foggy	W N W 0 W by N 0	93 30. 01 11	
3	Fair and Hot	N 0 S W 2	81 86 82		Fair	W by So N W 2	60 62 67		Rain	S W 5	48 45 41	r. 55	Rainy Warm Day	S 2 S S E 2	83 83 62	2. 87	Cloudy	S by W 3	49		Cloudy wth. gent. Thaw	W by S 0 W by S 0 W by S 0	15 16	r. 32
4	Cloudy Miſling --Rain--	S W b.S 3 S W 3 S W 3	74 67 61		Miſling Fairer Rain	S W b.W 1 W N W 2	64 65 71		Fair Rain	S W 0 S b. W 2	40 37 16	0. 20	Fair Fair Rain	S w b.W 1 W N W 7	51 51 50	r. 17 0. 36	Showers Warm and Cloudy --Rain--	S 3 S 3 S 4	40 30 15	0. 11	Foggy	W by S 0 S W 0 S W b.S 0	09 08 06	
5	Fairer Rain	S by W 2 W S W 4 S W 3	52 50 55	0. 87 0. 05	Fair	W by N 0 W N W 2	75 81	0. 14	Rain Fair Rain	W S W 2 S W 3	13 48	r. 10 0. 03	Cloudy Fair Cooler	W N W 2 N by W 3	82 88 95		Fair and Pleaſant	W S W 5 S w b.W 6 S w b.W 0	28. 98 29. 14 37	0. 19	Fog and Miſling	S W b.S 0 S by W 0 S by E 0	02 03 00	0. 41
6	Cloudy Hot Fair	W S W 1 S W b.W 3 W by So	66 70 75	0. 05	Showers Cloudy Shower Fair --Cool--	W by S 1 W by S 3 N W 2	88 87 87	0. 40 0. 05	Cloudy	S b. W 4	41		Cloudy	S W b.W 1 W by N 2 W by N 0	30 03 07		Froſt Fair and Cold --Rain--	S w b.W 0 S by W 0 S by W 0	45 45 43		Fog Warm Clearer	E S E 1 E 2 S E b E 1	29. 97 94 92	
7	Fair Rain Fair	S W by S 1 S W 0	77 76 73		Fair Rain Fairer	N W b.W 1 N N W 2 N N W 0	84 81 80	0. 26	Rain Fair		75	0. 77	Cloudy Fair Cloudy	W 1 W by N 1 W 0	07 07 07		Fair and Warmer	S w b.W 3 W b. S 4 S W b S 1	22 28 42	0. 26	Miſty Clearer Miſty	S E 0 S E 0 E by S 0	92 91 88	
8	Miſty very Hot	S W 0 W S W 1 S by E 0	73 75 78		Miſty Cool Rain	W by S 1 N N E 1 N N E 0	72 72 72	r. 57	Cloudy	S 0 S b. W 2 S b. W 0	81 80 82		Fair and ſomewhit. Cooler	N W 0 N by W 1 N W 0	10 12 12		Rain Fairer	S 1 W b. S 2 W S W 2	24 12 272	2. 30	Miſt Fair Fog --Rain--	E by S 0 E by S 1 S W b.S 0	83 86 94	0. 04 0. 12
9	Cloudy Hot and Sulery	E by S 1 E 1 E 0	79 78 76		Cloudy Dull Day	S W b.W 1 S W 2	63 61 58	0. 01	Fog Fair Cloudy	S W 0 S by W 1 W by S 0	86 89 89		Cloudy and Cooler	N W 0 W S W 1 S W 3	07 03 29. 88		Fair Cloudy Snow	S W 3 W S W 2 S S E 1	330 42 27	0. 23	Cloudy and Warm	S by W 2 S by W 3 S S W 4	99 98 91	0. 03
10	Same	E 0 E by S 1 E 0	73 72 67		Rain	N W b.N 1 N 1 N E 0	56 61 63	r. 40	Rain	S by E 1 S by E 2 E by S 0	81 70 61	r. 34	Fair	W by N 3 W N W 3 S W 3	62 70 61	r. 55	Cloudy Miſty Day	W S W 0 S W b.S 1	420 48 47	0. 36	Froſt Fair. Cloudy	S E b.S 0 S S E 1	10 06 29. 96	
11	Thunder and Rain Rain Fairer	E S E 1 S S W 1 S by W 0	59 50	2. 83 0. 84	Cloudy Cool Day	N 1 N by W 2 N 0	63 65 67		Fair Warm Day	N 1 E 2	84 92 87	0. 01	---Rain--- Cloudy Fair Cloudy	W b N 3 W b. N 3 W b. N 3	35 31 37	0. 65	Snow & Sleet all Day --Snow--	N by E 1 N by E 1	48 47 432	2. 66	Fair	W N W 3	29. 79	0. 72
12	Cloudy Rain	N N W 1 W 2 N W 3	48 47 47	1. 98	Miſling	N by W 1 N 3	69 70 76	0. 02	Cloudy	E by S 0 E by S 1	70 61 55		Cloudy and ſome Rain	W 2 W 3	38 30 27	0. 23	Snow 3 Inches Cloudy	N b. W 2 N b. W 1	462 54 650	2. 56 0. 65	Froſt Fair. Cloudy	S E b.S 0 S S E 1	10 06 29. 96	
13	Cloudy Fair	N N W 1 N W b W 2 N w b W 0	54 61 62	0. 01	Fair and Cool --Cold-- Fair	N by W 1 N 2 E by N 0 N by E 0 E 2	79 84 90 58 30. 01		Fairer	E 0 N E 2	37 62 63		Fair Warm Cold	W b. S 0 N 2	28 05 08	0. 02	Hard Fr. and Fair	W by S 0 W S W 1	60 58 62		Rain			
14	Cloudy wth. ſome Fair	S W b.W 2 S W b.W 1 S b. W 2	63 63 58		Fair	S E by E 0 N E 2	29. 95 96 98		Fair and Warm Cloudy	E N E 2	60 51		Fair Rain Cloudy	W by N 0 N by E 2	20 30 42	0. 07	Fair Snow & Hard Fr.	W S W 1 W by S 2	63 61 70					
15	Cloudy Rain Cloudy	S by W 3 S 4 S 2	48 43 38	0. 36	Same	E 0 E N E 2	30. 00 04 09		Rain Warm Fair	N E b.E 0 S b. E 2	41 44 46	0. 61	Hoar Fr. Fair and Cold	N w b.N 0 N w b.N 1	47 47 47		Froſt Miſty & leſs Cold	N N W 1 W by N 0	90 98 30. 01		Cloudy Rain Warm	S b. W 2 S 3 7	60 50 44	0. 01 0. 00
16	Fair Cool Rain	S W 3 W S W 4	43 53 64	0. 47	Fair	N 0 N E 1	10 09		Rain Fairer	E by N 0 E by S 0	36 34	r. 46	Icy Froſt Fair and Cold	N N W 1 N by W 1	50 53 61		Cloudy Fair Thaw	S 1 S S E 2	29. 92 92 81		Rain Warm Cloudy	S by W 6 W by S 6	09 10 22	0. 42
17	Fair Fair Cloudy ---Rain---	S W 1 S 3 S by W 2	74 77 73	0. 06	Cloudy	E 0 E 2 S 1	29. 95 94 85		Rain Fairer	E by S 0 S E 1	31 34 36	r. 43	Ice and Fair Rain	N N W 1	62 57	0. 34	Froſt and Fair	S 0	67 37	0. 18	---Rain--- Cloudy and Warm	S W b.S 3 S W b. S 2	32 30 34	0. 40
18	Miſling Rain Fairer	S W b.W 3 S W 3	51 56 71	0. 94 r. 12	Fairer Warm Cloudy	S S W 0 W S W 2	82 82 80		Showers ---Rain---	E N E 1 S W 3	25 25 31	0. 65 0. 15	Ice Cloudy Fair	S 1 S W 2	44 33 15		Rain Fair and Cold	S E b.S 2 S w by w 2	07 16 310	0. 04	Fair Cooler Rain	S by W 0 S by E 1	72 67 35	
19	Fair	W S W 1 W b.N 2	83 87 87		Cloudy Fair	S W 0 S W 3	76 73 67		Cloudy ---Rain-- Foggy Shower Fair	S W 1 S W b.W 2 S W 0 W S W 1	38 42 46 49 52	0. 55 0. 01	Cold. Rain	E S E 2 S by E 2	28. 91 84 83	r. 20	Rain and Cold Thaw Fair ---Rain---	S by E 2 S w b.S 3 S w 2	28 14 200	0. 10	Rain	S 3 S by E 5	23 28. 98 68	0. 56 0. 24
20	Hot	W S W 0	84	0. 00	Fair Cloudy	S W b.S 1 S S W 2	59 58 55		---Hoar-- Froſt Fair Rain	S W b.W 0 S 2	47 41 37	0. 20	Cold and Cloudy	S W 2 W by S 2	29. 01 12 24	0. 41	Fair and Warm -- Rain-- Fair and Warm	S w 4 S w 4 S w 3	27 31 142	0. 44 2. 81	Fair and Co'der ---Rain---	W 4 W 3	29. 36 52 52	
21					Cloudy	S S E 1 S 3	44		Fair Warm Colder	S W 1 W S W 3	42 42 44		Froſt and Fair Cloudy	N O N W 2	23 24 46				48		Fair	W b. S 4 W S W 3	49 55 66	0. 17
22					Rain	S 0 S E b.E 2	48 51 47	0. 48 1. 55	Fair Cooler Cloudy	S S W 0 S E b.E 1	44 43 31		Showers Hall Showers	N N E 0 S 2	50 51 57	1. 41	Froſt and Fair Cloudy	W by S 1	77 83 75		Cloudy	6	81 65	
23					Thunder		49		---Rain---	S S E 2	20	0. 42	Hard Fr and Fair	S E b.E 0 E S E 1	65 68 70		Rain and Warm				Cloudy Warm Fair	S W 7 W by N 8 2	34 56 82	
24					Showers Fair	S by E 1 S 3	42 42 42	0. 01	Fair		45	0. 01	Showers Fair Warm Rain	E 0	62 58	0. 04 0. 10	Rain		751	1. 15	Fair	W by S 2 W S W 2	94 95 30. 00	
25	Thunder &c Rain but Fair at Tun- bridge-Wells				Cloudy Fair	S W 1 W b. N 1	42 42 42		Fair and Warm Cloudy	S S E 1 S 3	42 42 41	0. 11	---Rain--- Mild Weather	S 3 S by E 3	40 24 42	0. 11	-Stormy- ſome Fair ſome Rain	SWb.S 8 Swb.W 8 3	15 30 52	0. 61 0. 15	Cloudy and Warm	W b. S 3 W b. S 4	29. 93 90 77	
26	Miſling	S W 2	50	4. 10	Fair	E S E 0 N W 2 N 1	42 41 44		Fair		45	0. 01	Cloudy Fair and Warm ---Rain---	S S E 2 S E b.S 3	48 47 45		Rain	S W 4 S w b. w 5	41 33 300	0. 07	Rain Colder Fairer	W b. S 4 SWb.W 4	50 43	0. 21
27	Fair and Cooler	W by S 1 W 2 W S W 0	67 78 83		Fair and good Har. Weather	S W 0 N W 2	50 58 67		Fair and Pleaſant Rain	S S E 1 S 3	42 42 41	0. 11	Fair Cloudy Rain	S by W 0	52 52 42	0. 80	ſmall Fr. and Fair	W S W 3 W S W 3	25 27 53		Froſt and Fair	S W 3	49 40	
28	Fair Cool and Cloudy	S W b.So S b. W 3 S 2	86 81 80		Fair	S W 1 S W 3	75 79 76		Fair Showers Fair ---Rain---	S o S 3	40 36 26	0. 03 0. 01	Miſt Fairer Rain	W o N N E 2	41 24 46	0 05	Same	W by S 1 W by N 1	41 44 37		---Froſt--- Warmer Rain Colder	S W 7 S W 8	28. 88 79 69	
29	Rain Fair	S by W 3 W S W 0	68 76	0. 02	Fair Rain	W 1 W S W 3	73 76 73	0. 11	Rain	E b. S 1 S b. E 3	05 06 06	0. 04 0. 76	Cloudy Colder Rain	N by E 2 N by E 1	41 41 41		Snow Sleet.	E by N 1 E by N 2	13 09 17	0. 74	---Snow--- Froſt and Fair	W b. S 3 W b. S 3	79 89	0. 69
30	Fair Miſling	S W 0 7	75 41		ſome Fair and ſome Rain	S W 0 S S W 3	71 75 80	0. 35	Rain Warm Fair	S b. E 2 S S W 4	04 07 36	0. 40	Sleet Fairer	N by E 4 N 3	22 23 42	r. 23 0. 29	Froſt & Fair Rain	N by W 4 N N W 2	56 66 86	0. 01	Froſt and Fair	W o W N W 2	29. 23 36 67	5 83
31	Fair Cooler Cloudy	W by S 5 W 4	41 52 57	0. 10 17. 03	Cool Fair with Rain	N W 0 N W b.N 2	83 85 84	0. 02 7. 02	Total			12. 07	Hard Froſt Cloudy		62 76	13. 08	Total			16. 83				

Place this between Pag. 46, 47.

Philoſoph. Tranſact. Numb. 249. *Tab.* 2.